

Mobile Phone user manual

Some of the contents in this manual may differ from your phone depending on the software of the phone or your service provider.

www.samsungmobile.com

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SAMSUNG

regulations that restrict the use of mobile phones while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile phone in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your phone or cause injury.

Turn off the phone near medical equipment

Your phone can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the phone or disable the wireless functions when in an aircraft

Your phone can cause interference with aircraft equipment. Follow all airline regulations and turn off your phone or switch to a mode that disables the wireless functions when directed by airline personnel.

Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/113° F). Extreme temperatures can reduce the charging capacity and life of your batteries.

SAR information

Your phone conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile phones that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 watts per kilogram of body tissue.

During testing, the maximum SAR recorded for this model was 0.565 watts per kilogram. In normal use, the actual SAR is likely to be much lower, as the phone has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your phone reduces your overall exposure to RF energy. The Declaration of Conformity at the back of this manual demonstrates your phones compliance with the European Radio & Terminal Telecommunications Equipment (R&TTE) directive. For more information about the SAR and related EU standards, visit the Samsung mobile phone website.



Safety warnings

Keep your phone away from small children and pets

Keep your phone and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing



Listening to a headset at high volumes can damage your hearing. Use only the minimum volume setting necessary to hear your conversation or music.

Install mobile phones and equipment with caution

Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted. Avoid placing your phone and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

- Store the battery pack in a dry place.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and – terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Handle your phone carefully and sensibly

- Do not allow your phone to get wet—liquids can cause serious damage. Do not handle your phone with wet hands. Water damage to your phone can void your manufacturer's warranty.
- Avoid using or storing your phone in dusty, dirty areas to prevent damage to moving parts.
- Your phone is a complex electronic device—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your phone, as paint can clog moving parts and prevent proper operation.
- Avoid using the phone's camera flash or light close to the eyes of children or animals.
- Your phone and memory cards may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your phone to come in contact with magnetic fields for extended periods of time.

Avoid interference with other electronic devices

Your phone emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your phone. Incompatible batteries and chargers can cause serious injuries or damage to your phone.
- Never dispose of batteries or phone in a fire. Follow all local regulations when disposing used batteries or phone.
- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile phones and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research.

If you have any reason to suspect that your phone is interfering with a pacemaker or other medical device, turn off the phone immediately and contact the manufacturer of the pacemaker or medical device for guidance.

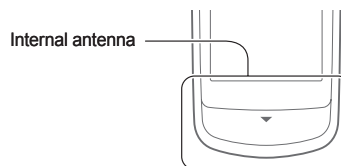
electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.



Important usage information

Use your phone in the normal position

Avoid contact with your phone's internal antenna.



- The keypad of your phone is detachable. Use caution when holding your phone and be careful not to injure your finger or damage your fingernails when removing the keypad.

Allow only qualified personnel to service your phone

Allowing unqualified personnel to service your phone may result in damage to your phone and will void your warranty.

Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems.)



This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

Turn off the phone in potentially explosive environments

Do not use your phone at refuelling points (service stations) or near fuels or chemicals. Turn off your phone whenever directed by warning signs or instructions. Your phone could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.

Reduce the risk of repetitive motion injuries

When sending text messages or playing games on your phone, hold the phone with a relaxed grip, press the buttons lightly, use special features that reduce the number of buttons you have to press (such as templates and predictive text), and take frequent breaks.

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Safety precautions

Drive safely at all times

Avoid using your phone while driving and obey all

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards and memory cards with care

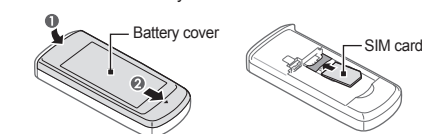
- Do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card or phone.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

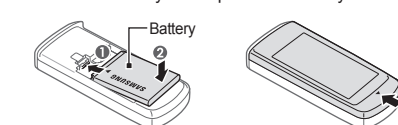
Emergency calls from your phone may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Install the SIM card and battery

- Remove the battery cover and insert the SIM card.



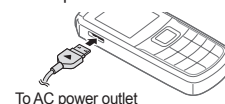
- Insert the battery and replace the battery cover.



Charge the battery

To charge the battery by travel adapter

- Plug the supplied travel adapter.
- When charging is finished, unplug the travel adapter.

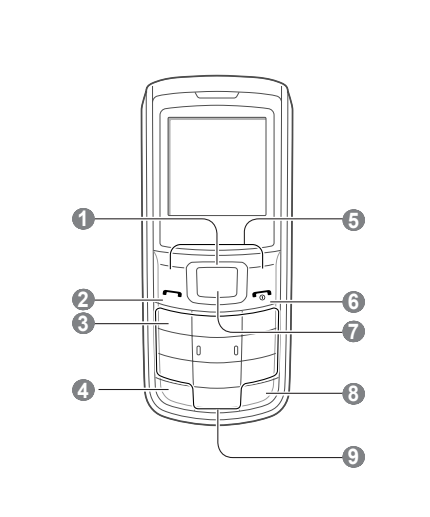


To AC power outlet



Do not remove the battery from the phone before unplugging the travel adapter first. Otherwise, the phone may be damaged.

Phone layout



- 1

4-way navigation key
In Idle mode, access user-defined menus; In Menu mode, scroll through menu options
► *Activate and deactivate Torch light function*
- 2

Dial key
Make or answer a call; In Idle mode, retrieve recently dialed, missed, or received numbers; Send an SOS message
► *Activate and send an SOS message*
- 3

Voice mail service key
In Idle mode, access voice mails (press and hold)
- 4

Keypad lock key
In Idle mode, lock the keys (press and hold)
- 5

Softkeys
Perform actions indicated at the bottom of the display
- 6

Power/Menu exit key
Turn the phone on and off (press and hold); End a call; In Menu mode, cancel input and return to Idle mode
- 7

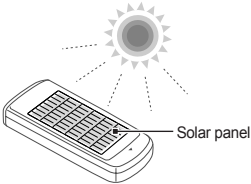
Confirm key
In Idle mode, access Menu mode; In Menu mode, select the highlighted menu option or confirm an input
- 8

Silent mode key
In Idle mode, activate or deactivate the silent profile (press and hold)
- 9

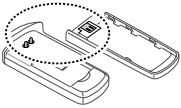
Alphanumeric keys

Your phone has the following status indicators on the top of the screen:

Icon	Description	Icon	Description
	Signal strength		Silent profile activated
	Call in progress		Battery power level
	Call diverting activated		Charging the battery by sunlight
	FM radio on		
	Roaming network		
	Synchronised with PC		
	New message		
	New voice mail message		
	SOS message feature activated		
	Alarm activated		
	Normal profile activated		



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- With the battery inserted, expose the solar panel directly to sunlight and prevent it from shade.
 - When the phone is off, 1 hour of sunlight at about 80,000 lux charging will provide approximately 5-10 minutes of talk time. Talk time may vary depending on the charging environment.
 - Sunlight is the secondary power source. To take advantage of the battery, use the travel adapter to charge it.
 - Sunlight charging may change the colour of the solar panel. This will not affect the performance of the solar panel.
 - The battery will not be charged by artificial light.
 - Do not expose the solar panel to sunlight for a long time to avoid very hot temperatures. Refer to Safety and usage information.
 - Keep the solar charging point clean.
 - Do not attach any protective film to the solar panel. This may block sunlight while charging.



Instructional icons

	Note: notes, usage tips, or additional information
	Followed by: the order of options or menus you must select to perform a step; for example: In Menu mode, select Messages → Create new message (represents Messages , followed by Create new message)
	Square brackets: phone keys; for example: [Power] (represents the Power/Menu exit key)
	Angled brackets: softkeys that control different functions at each screen; for example: <OK> (represents the OK softkey)

Turn your phone on or off

- To turn your phone on,
1. Press and hold [**Power**].
 2. Enter your PIN and press **<OK>** (if necessary).
- To turn your phone off, repeat step 1 above.
-
- If you remove the battery after setting **Time and date**, it will be reset.

Access menus

- To access your phone's menus,
1. In Idle mode, press **<Menu>** or the Confirm key to access Menu mode.
 2. Use the navigation key to scroll to a menu or option.
 3. Press **<Select>**, **<Save>**, or the Confirm key to confirm the highlighted option.

- <Options>**.
2. Select **Create contact** → a memory location.
 3. Select a number type (if necessary).
 4. Enter contact information.
 5. Press the Confirm key or press **<Options>** → **Save** to add the contact to memory.

Send and view messages

- To send a text message**
1. In Menu mode, select **Messages** → **Create new message**.
 2. Enter a destination number.
 3. Enter the message text.
 4. Press **<Options>** → **Send** to send the message.

- To view text messages**
1. In Menu mode, select **Messages** → **Inbox**.
 2. Select a text message.

Activate the mobile tracker 2.0

- This feature helps track your phone when it is stolen or when someone tries to use your phone using other SIM card, the phone will automatically send the preset tracking message to family or friends. This feature may be unavailable due to certain features supported by your service provider.
1. In Menu mode, select **Settings** → **Security** → **Mobile Tracker 2.0** and press the Confirm key.
 2. Enter a new 4- to 8-digit password and press **<OK>**.

4. Press **<Back>** to move up one level; Press [**Power**] to return to Idle mode.
-
- When you access a menu requiring the PIN2, you must enter the PIN2 supplied by the SIM card. For details, contact your service provider.

Make a call

1. In Idle mode, enter an area code and a phone number.
2. Press [**Power**] to dial the number.
3. To end the call, press [**Power**].

Answer a call

1. When a call comes in, press [**Power**].
2. To end the call, press [**Power**].

Adjust the volume

- To adjust the volume of the ringtone**
1. In Menu mode, select **Settings** → **Profiles**.
 2. Scroll to the phone profile you are using.
 3. Press **<Options>** → **Edit**.
 4. Select **Volume**.
 5. Scroll left or right to adjust the volume level.
 6. Press **<Save>**.

- To adjust the volume of voice during a call**
- While a call is in progress, press the Navigation key up or down to adjust the earpiece volume.

3. Enter the new password again and press **<OK>**.
4. Select **Settings**.
5. Enter a new 8-digit password for the mobile tracker and press **<OK>**.
6. Enter the new password again and press **<OK>**.
7. Scroll left or right to **On**.
8. Scroll down and press the Confirm key to open the recipient list.
9. Press **<Options>** → **Phonebook** to open your contact list.
10. Scroll to a contact and press the Confirm key.
11. Press **<Options>** → **Save** to save the recipients.
12. Scroll down and enter the sender's name.
13. Press the Confirm key → **<Accept>**.

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- To change the password for the mobile tracker, select **Change mobile tracker 2.0 password**.

Activate and send an SOS message

In an emergency, you can send SOS messages to your family or friends for help. This feature may not be available depending on your region or service provider.

- To activate the SOS message**
1. In Menu mode, select **Messages** → **Settings** → **SOS messages** → **Sending options**.
 2. Scroll left or right to **On**.
 3. Scroll down and press the Confirm key to open the recipient list.
 4. Press the Confirm key to open your contact list.
 5. Scroll to a contact and press the Confirm key to return to the recipient list.

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- In noisy environments, you may have difficulty hearing the calls while using the speakerphone feature. For better audio performance, use the normal phone mode.

Change your ringtone

1. In Menu mode, select **Settings** → **Profiles**.
 2. Scroll to the profile you are using.
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- If you are using the silent or offline profile, you are not allowed to change the ringtone.
3. Press **<Options>** → **Edit** → **Call ringtone**.
 4. Select a ringtone.
- To switch to another profile, select it from the list.

Call a recently dialed number

1. In Idle mode, press [**Power**].
2. Scroll left or right to select a call type.
3. Scroll up or down to select a number or name.
4. Press the Confirm key to view details of the call or [**Power**] to dial the number.

Enter text

- To change the text input mode**
- Press and hold [**Star**] to switch to an input mode. Depending on your region, you may be able to access an input mode for your specific language.
 - Press [**Star**] to change case.
 - Press and hold [**Hash**] to switch to Symbol mode.

6. Press **<Options>** → **Save** to save the recipients.
7. Scroll down and set the number of times to repeat the SOS message.
8. Press **<Save>** → **<Yes>**.

- To send an SOS message**
1. With the keys locked, press [**Power**] four times to send an SOS message to preset numbers. The phone switches to SOS mode and sends the preset SOS message.
 2. To exit SOS mode, press [**Power**].

Set and use alarms

- To set a new alarm**
1. In Menu mode, select **Alarms**.
 2. Scroll to an empty alarm location and press the Confirm key.
 3. Set alarm details.
 4. Press **<Save>**, or press **<Options>** → **Save**.

- To stop an alarm**
- When the alarm sounds,
- Press any key to stop the alarm without snooze.
 - Press **<OK>** or the Confirm key to stop the alarm with snooze, or press **<Snooze>** or to silence the alarm for the snooze period.

To charge the battery by sunlight

- T9 mode**
1. Press the appropriate alphanumeric keys to enter an entire word.
 2. When the word displays correctly, press [**Hash**] to insert a space. If the correct word does not display, press [**0**] to select an alternate word.

- ABC mode**
- Press the appropriate alphanumeric key until the character you want appears on the display.

- Number mode**
- Press the appropriate alphanumeric key to enter a number.

- Symbol mode**
- Press the appropriate alphanumeric key to select a symbol.
-
- To move the cursor, press the Navigation key.
 - To delete characters one by one, press **<Clear>**. To delete all of the characters, press and hold **<Clear>**.
 - To insert a space between characters, press [**Hash**].

Add a new contact

-
- Your phone is preset to save contacts to the phone memory. To change the memory location, in Menu mode, select **Settings** → **Application** → **Phonebook** → **Save new contacts to** → a memory location.

1. In Idle mode, enter a phone number and press

- To deactivate an alarm**
1. In Menu mode, select **Alarms**.
 2. Scroll to the alarm you want to deactivate and press the Confirm key.
 3. Scroll left or right to **Off**.
 4. Press **<Save>**.

Listen to the FM radio

1. Plug the supplied headset into the phone.
 2. In Menu mode, select **FM radio**.
 3. Press the Confirm key to start the radio.
 4. Press **<Yes>** to start automatic tuning. The radio scans and saves available stations automatically.
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- The first time you access **FM radio**, you will be prompted to start automatic tuning.
5. Scroll left or right to a radio station (press and hold).
 6. To turn off the FM radio, press the Confirm key.

Activate the torch light

The torch light feature helps you see in dark places by making the backlight as bright as possible. To activate the torch light, press and hold the Navigation key up in Idle mode. To deactivate the torch light, press and hold the Navigation key up in Idle mode.